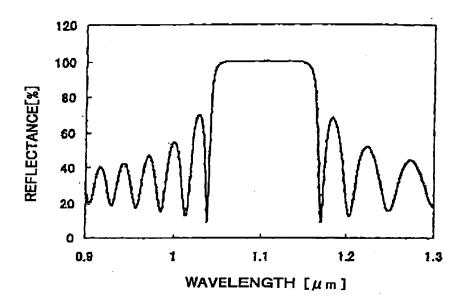


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FIG. 2



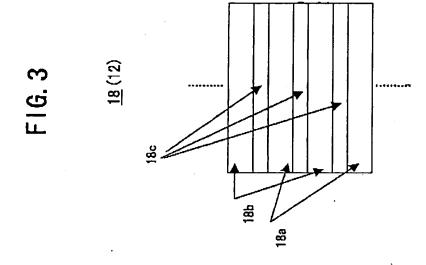


FIG. 4

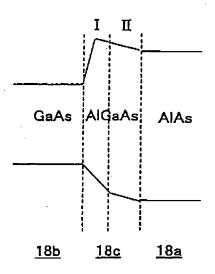
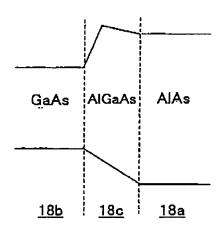


FIG. 5



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al.

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FIG. 6

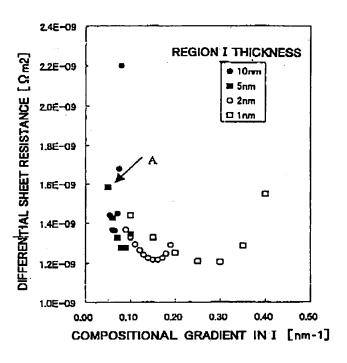


FIG. 7.

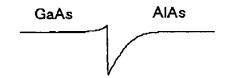


FIG. 8



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 8 of 142

FIG. 9

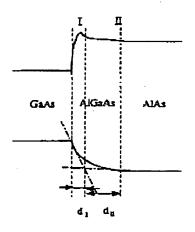
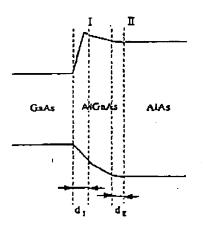


FIG. 10



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 9 of 142

FIG. 11

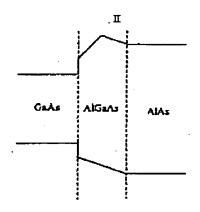


FIG. 12

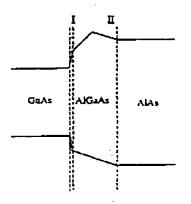


FIG. 13

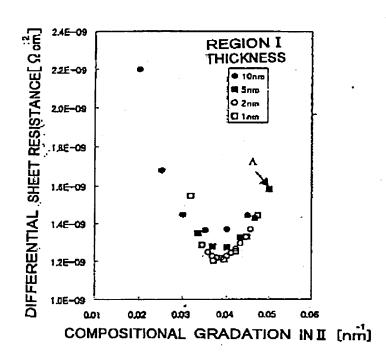
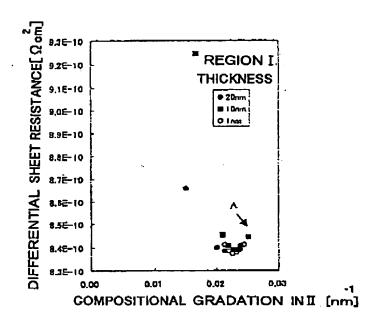


FIG. 14.



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FIG. 15

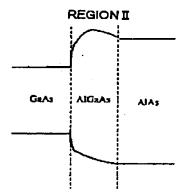


FIG. 16

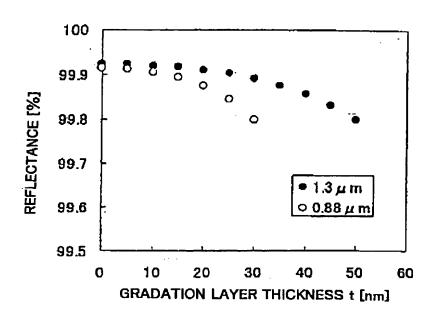


FIG. 17

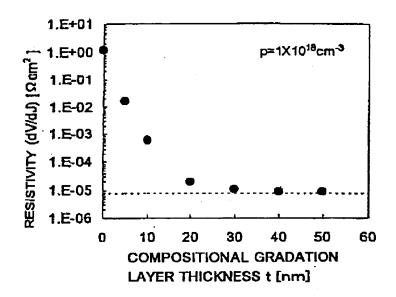


FIG. 18

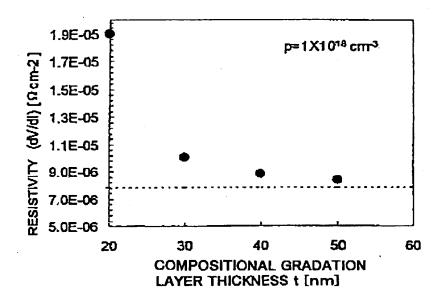
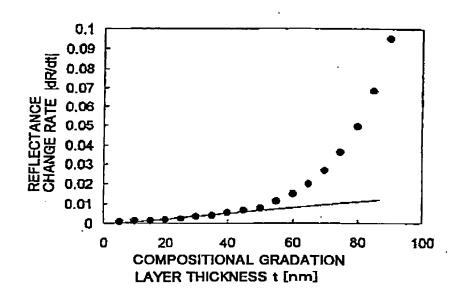


FIG. 19



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 17 of 142

FIG. 20

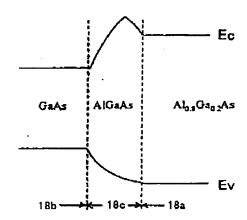


FIG. 21

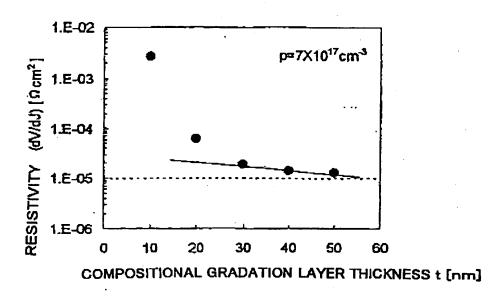
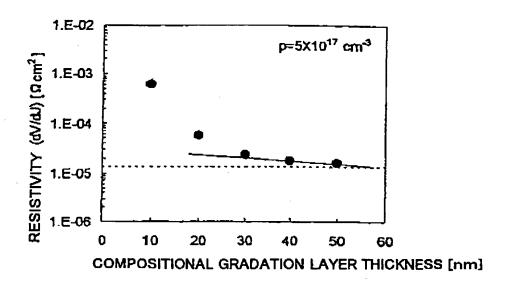
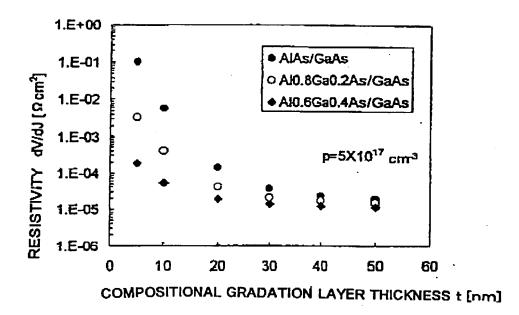


FIG. 22



OBLON, SPIVAK, et al. DOCKET NO: 242058US-2 CIP INV: Naoto JIKUTANI, et al. SHEET 20 of 142

FIG. 23



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 21 of 142

FIG. 24

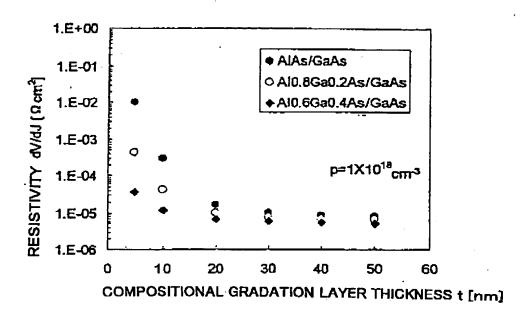
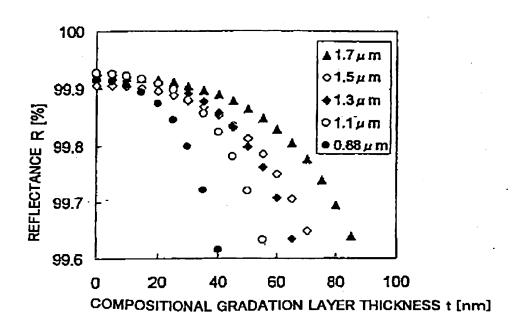
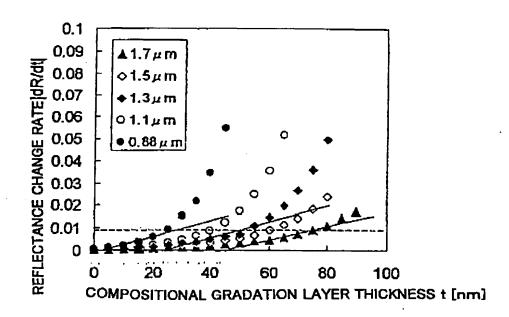


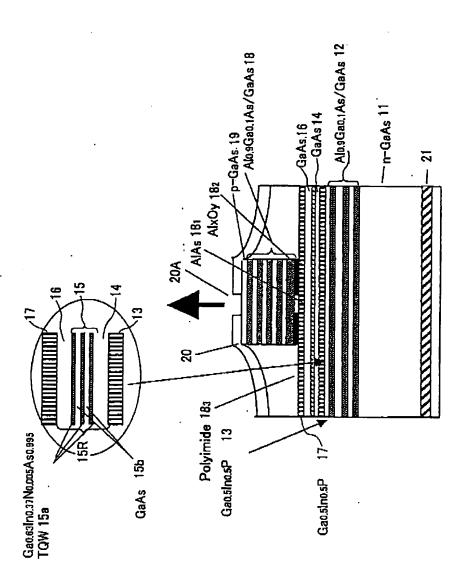
FIG. 25



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FIG. 26





F1G. 27

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FIG. 28

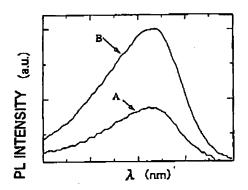


FIG. 29

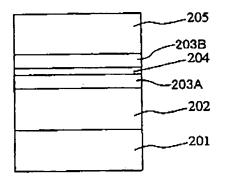


FIG. 30

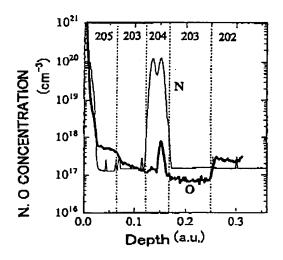
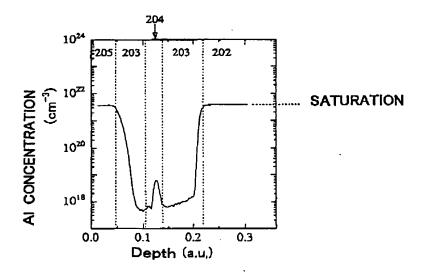


FIG. 31



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 27 of 142

FIG. 32

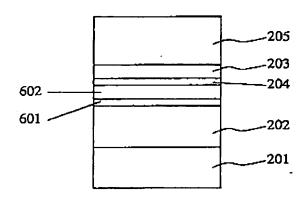


FIG. 33

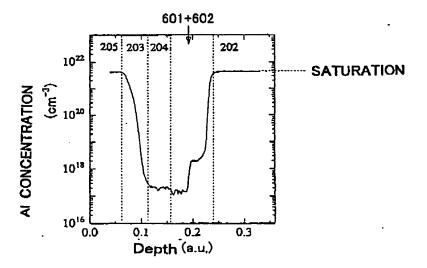


FIG. 34

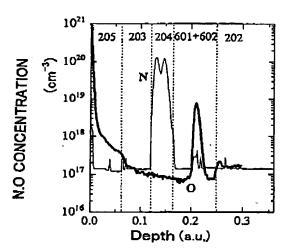
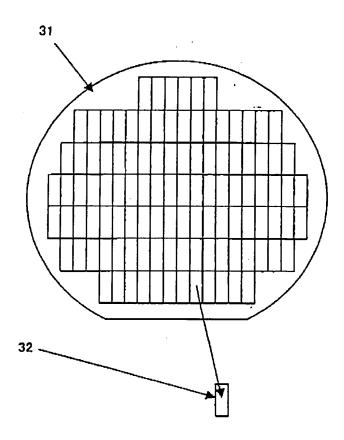
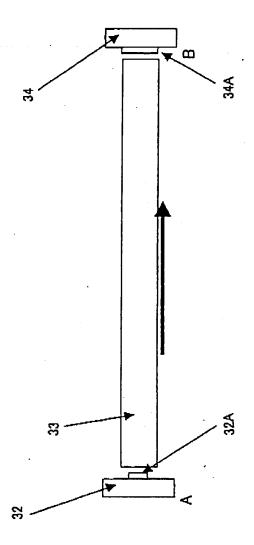


FIG. 35

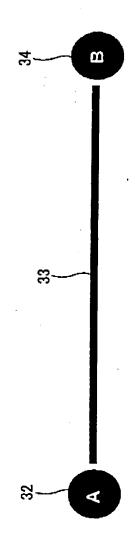


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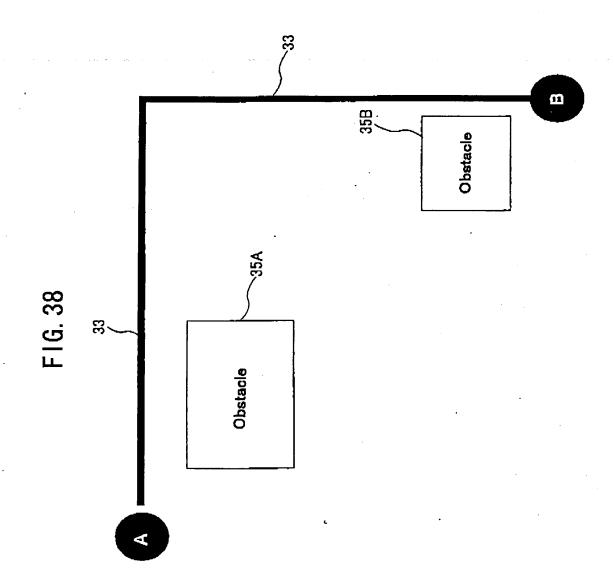


FIG. 39

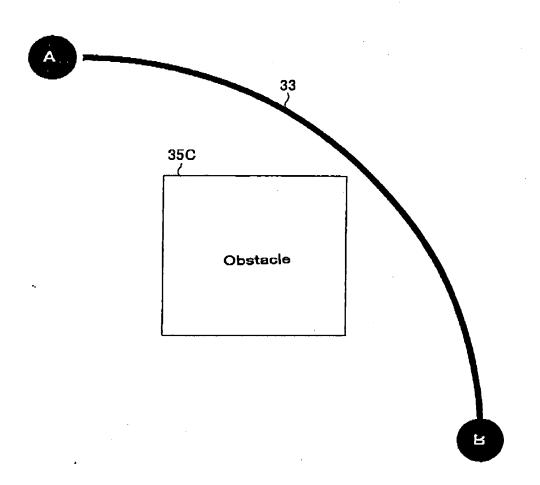
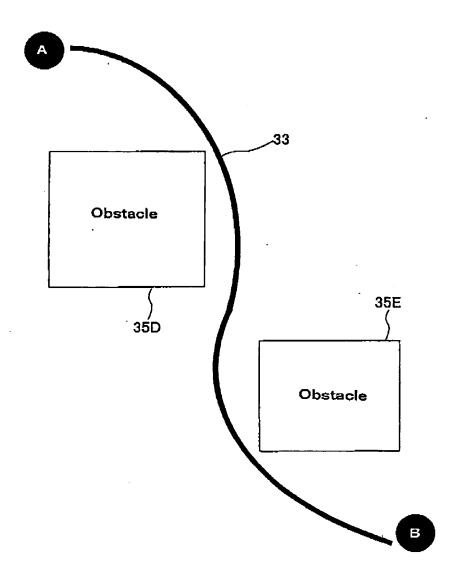


FIG. 40



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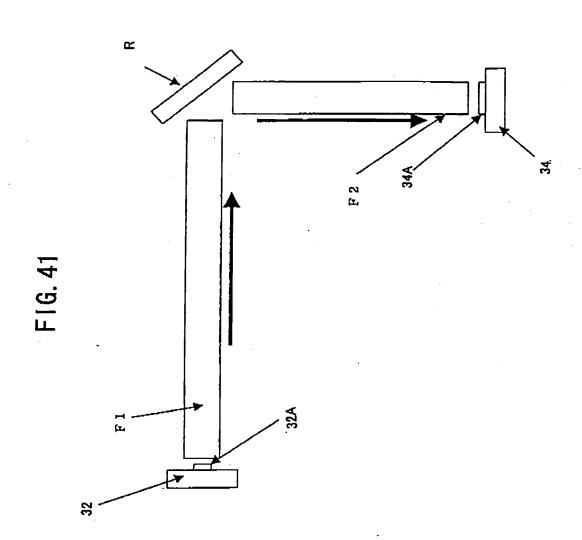


FIG. 42

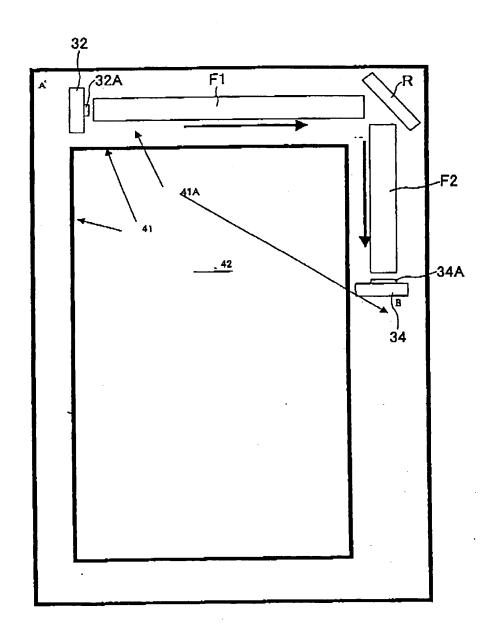


FIG. 43

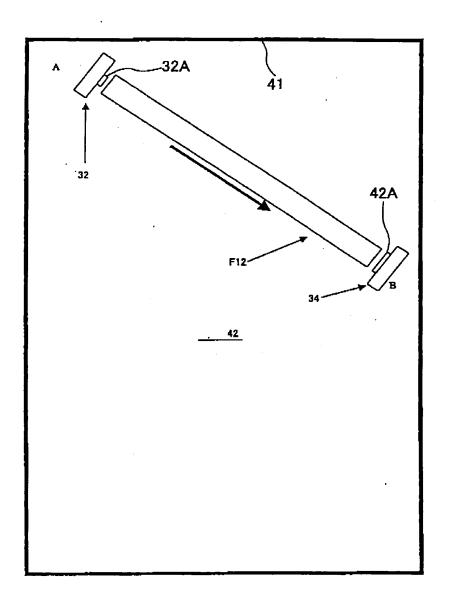
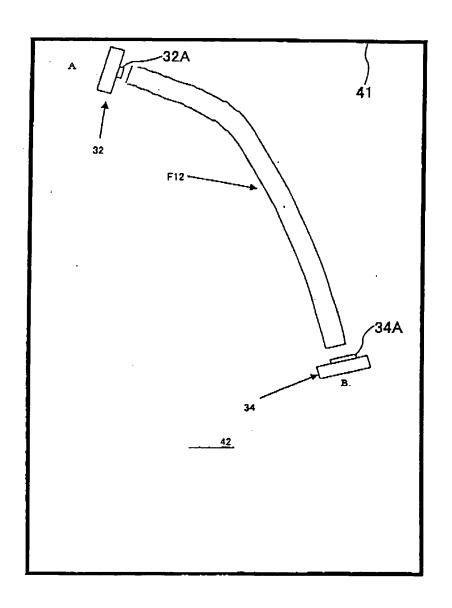
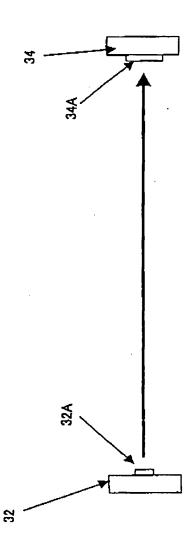


FIG. 44

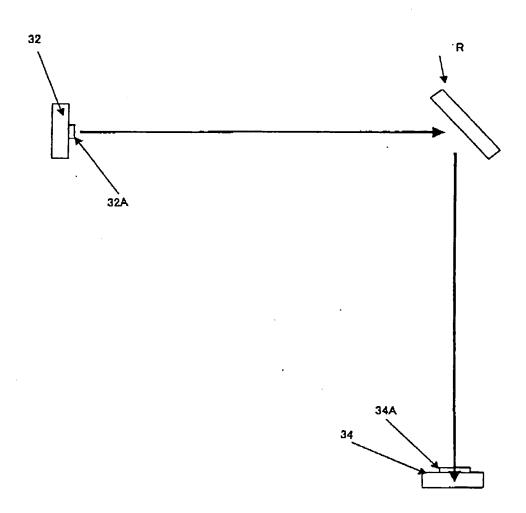


F16, 45



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FIG. 46



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FIG. 47

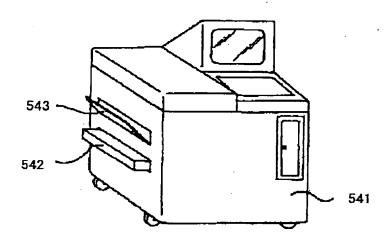


FIG. 48

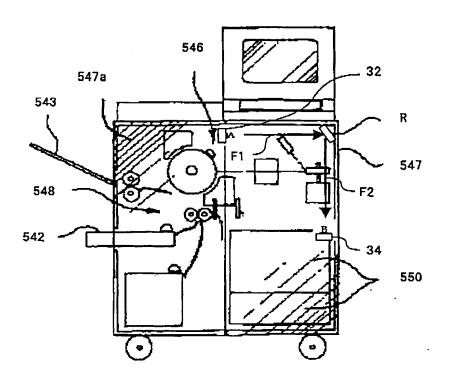




FIG. 49

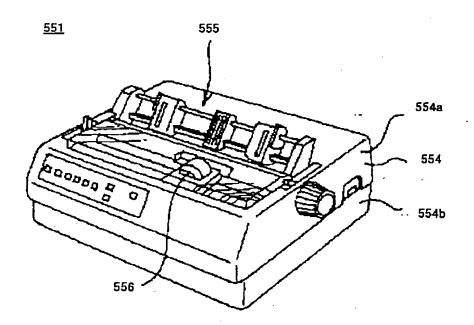


FIG. 50

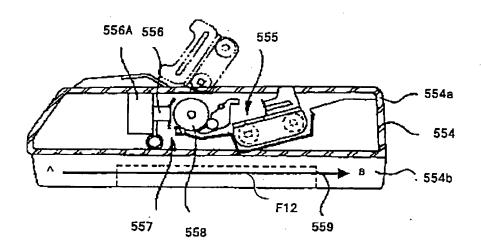


FIG. 51

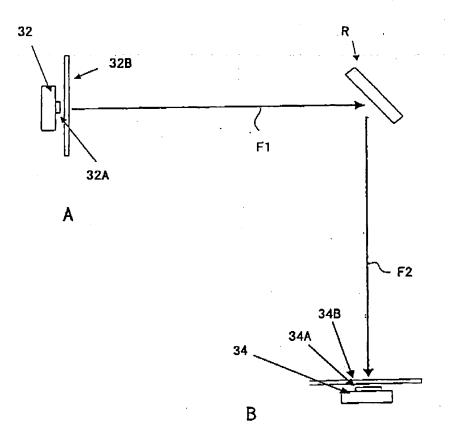


FIG. 52

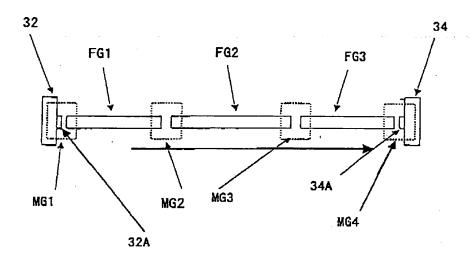
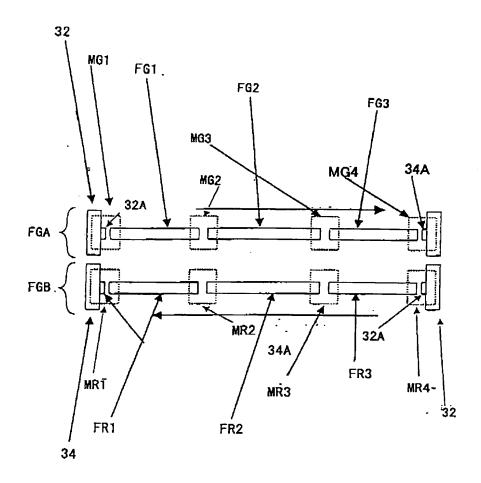
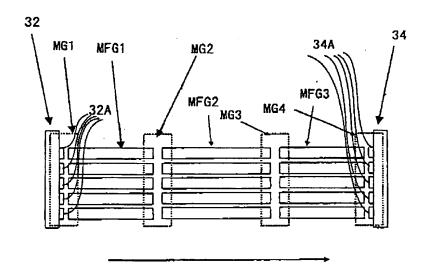


FIG. 53



OBLON, SPIVAK, etial. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 48:07/42

FIG. 54



OBLON, SPIVAK, et al. DOCKETNO: 242058US-2 CIP INV.: Nacho JIKUTANI, et al. SHEET 49 of 142

FIG. 55

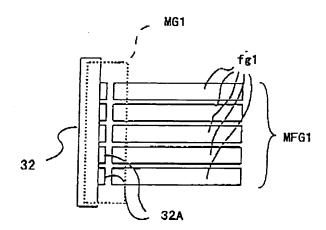
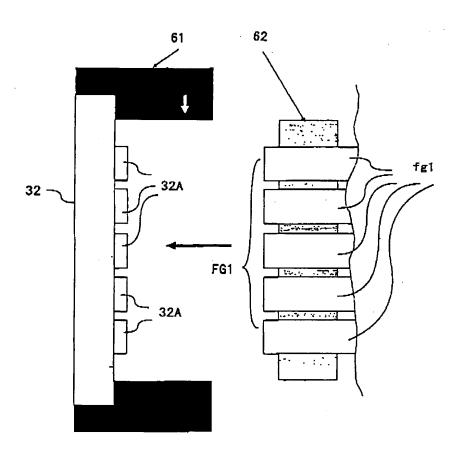


FIG. 56



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 51 of 142

FIG. 57

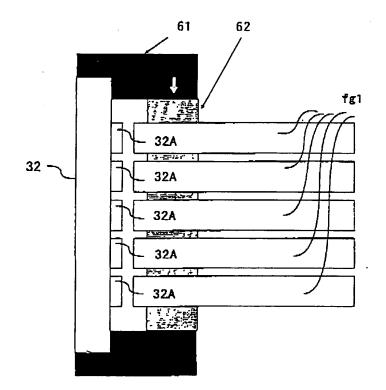
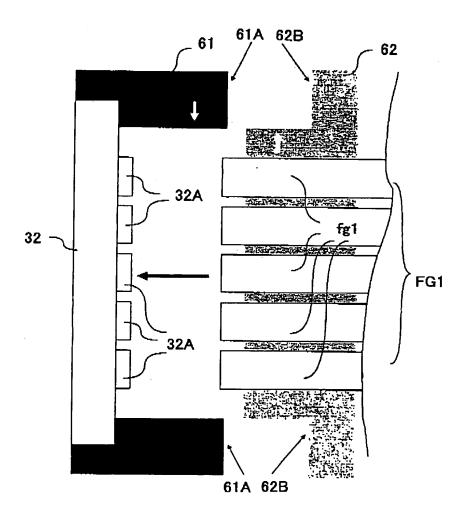


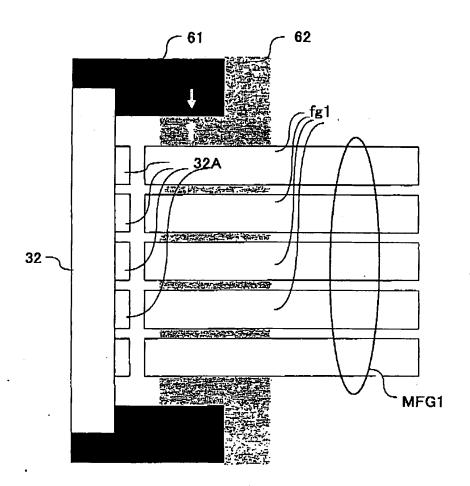


FIG.58



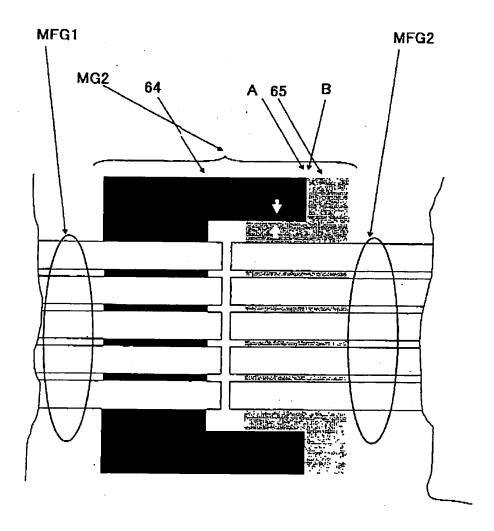
OBLON, SPIVAK, et al. DOCKET NO: 242058US-2 CIP INV.: NaotoJIKUTANI, et al. SHEET 53 of 142

FIG.59



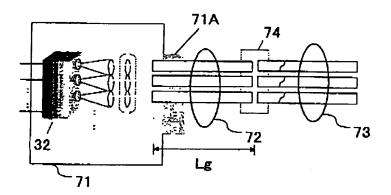
OBLON, SPIVAK, et al. DOCKET NO: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 54 of 142

FIG.60



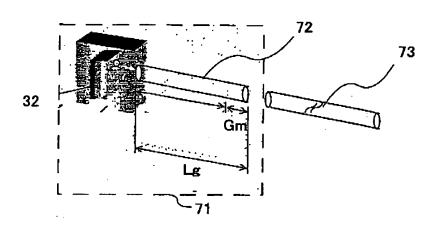
OBLON, SPIVAK, et al. DOCKET NO: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 55 of 142

FIG.61



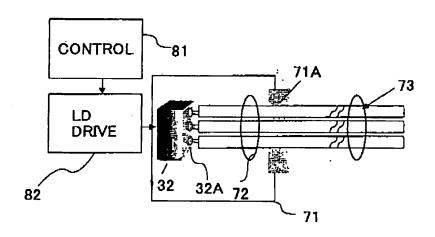
OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 56 of 142

FIG.62



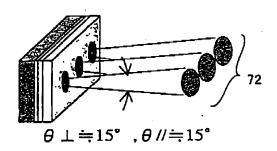
OBLON, SPIVAK, et al. DOGKET NO: 242058US-2 CIP INV.: Naoto JIKUJIANI, et al. SHEET 57 of 142

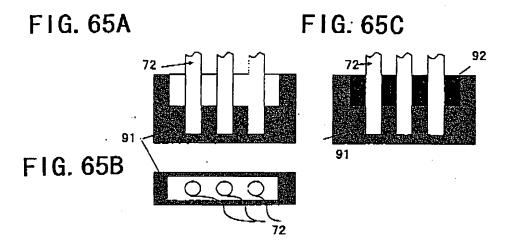
FIG.63



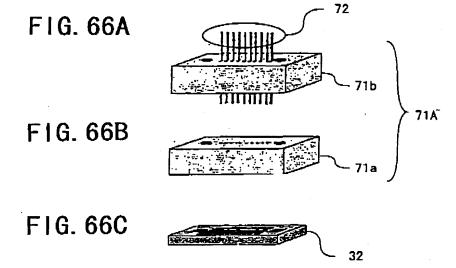
OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 58 of 142

FIG. 64



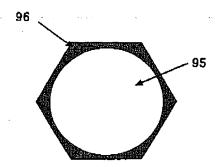


OBLON; SPIVAK, (Et al. DOCKET NO.: 242058 US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 60 of 142



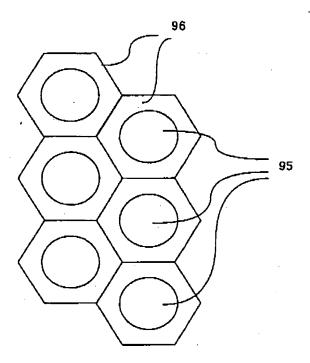
OBLON, SPIVAK, et als. DOCKET, NO. 242058US-2 CIP INV: Naoto JIKUTANI, et al. SHEET 61 of 142

FIG. 67



OBUON, SPINAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Nacio JIKUTANI, et al. SHEET-62 of 142

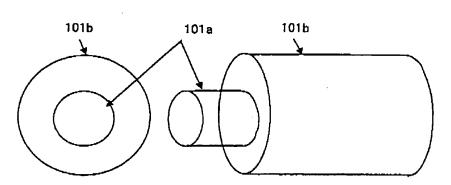
FIG. 68



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 63 of 142

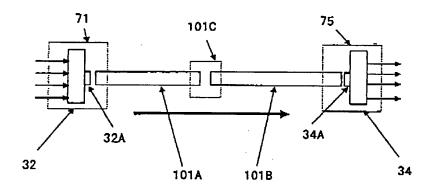
FIG. 69





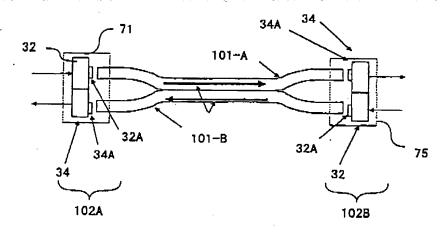
OBUON, SPIVAK, GIAI. DOCKET NO.: 242058US-2 CIP INV. Nacio JIKUTANI, et al. SHEET 64 of 142

FIG. 70



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV: Naoto JIKUTANI, et al. SHEET 65 of 142

FIG. 71



OBLON, SPĪVAK, et al. DOCKET NO: 242058US=2 CIP INV.: Nacio JĪKUTANI, et al. SHEET 66 of 142

FIG. 72

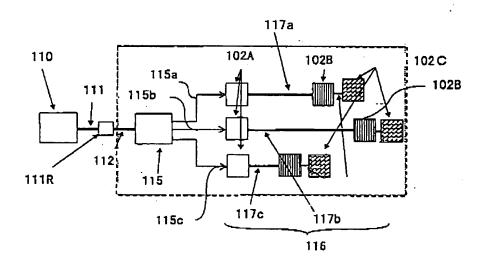
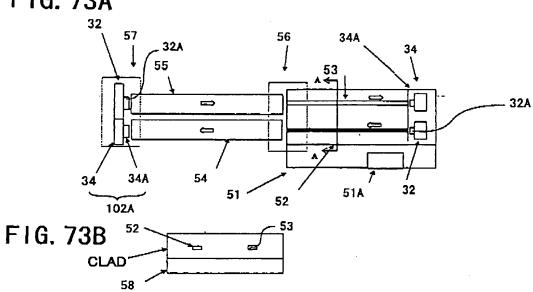
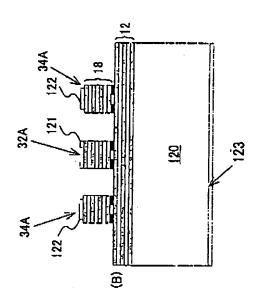


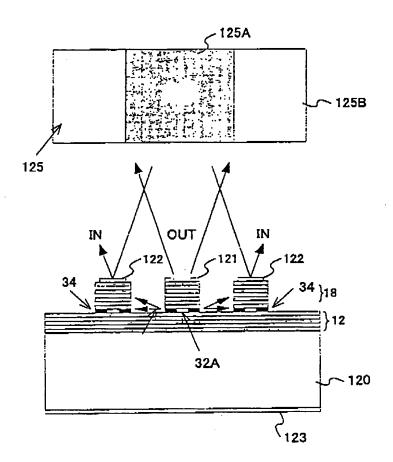
FIG. 73A

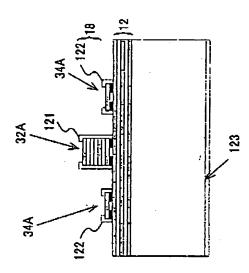




32A 120

FIG. 75





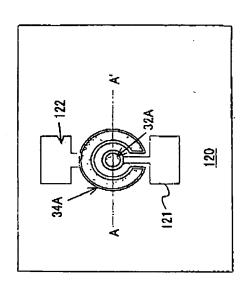


FIG. 77

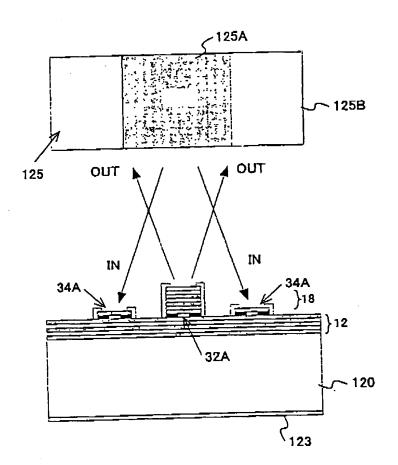
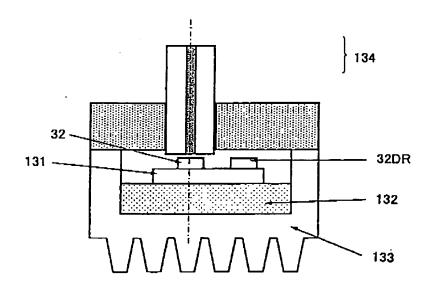
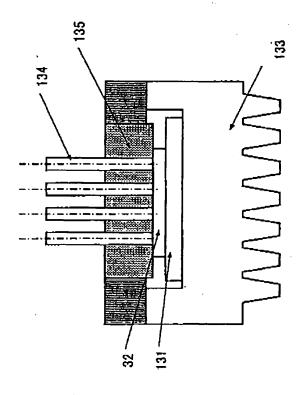
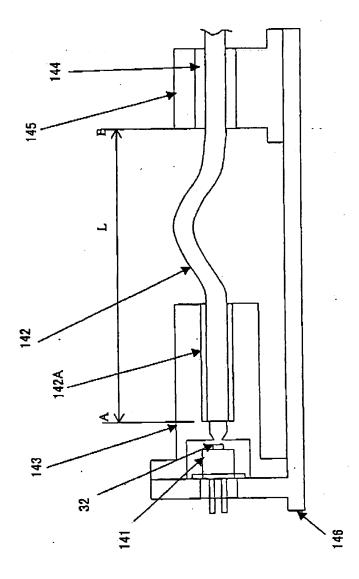


FIG. 78



F1G. 79





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FIG. 81

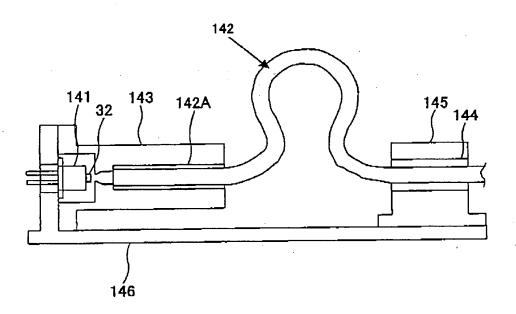
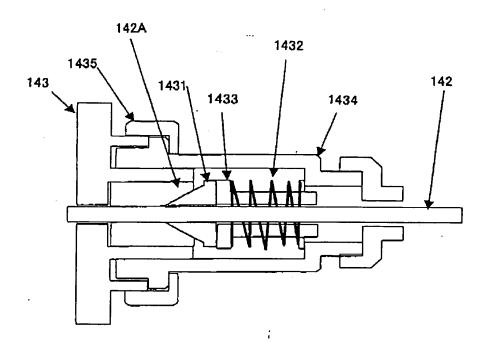
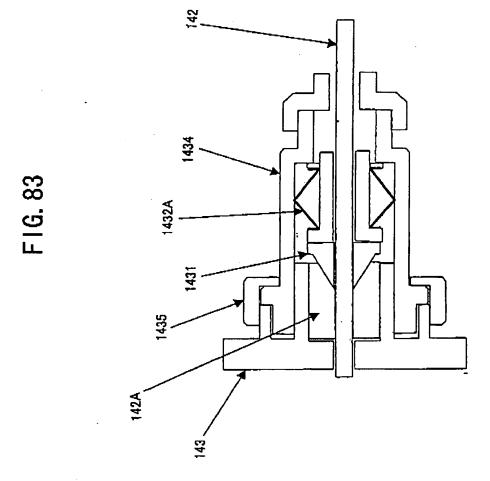


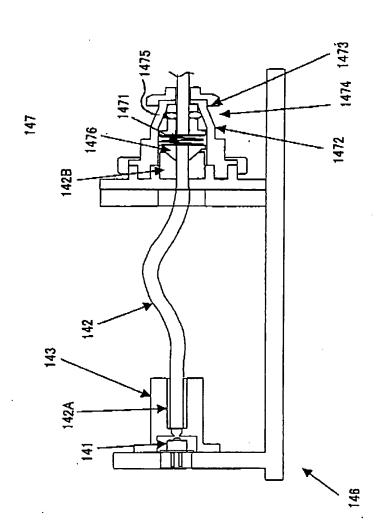


FIG. 82



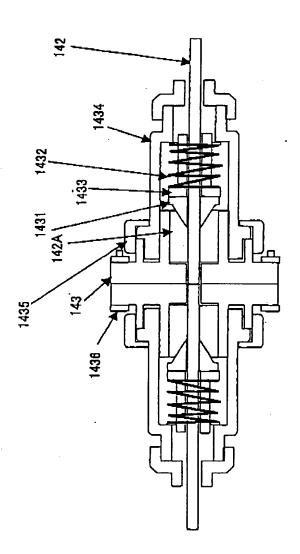


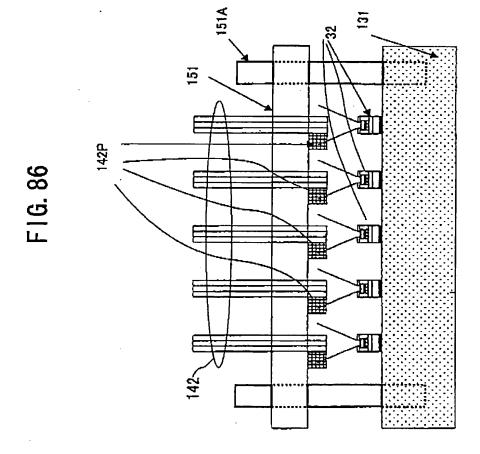
F16.84



F1G. 85

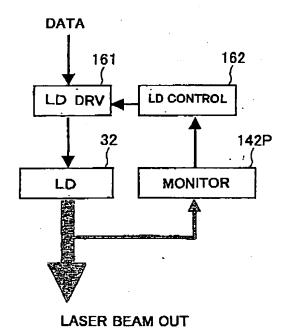
i

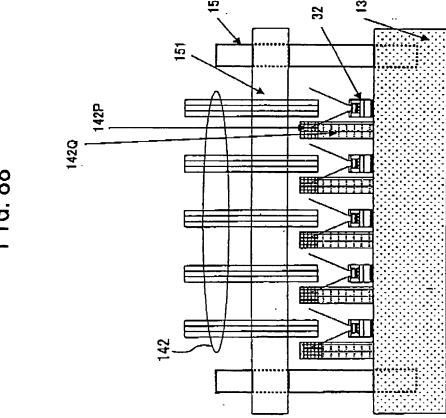




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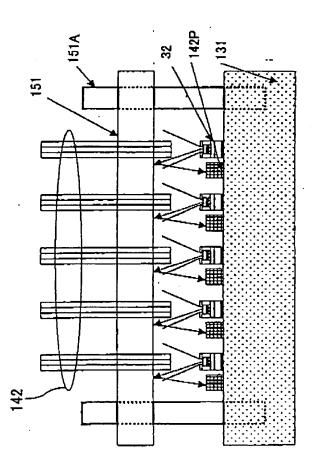
FIG. 87





F1G. 88





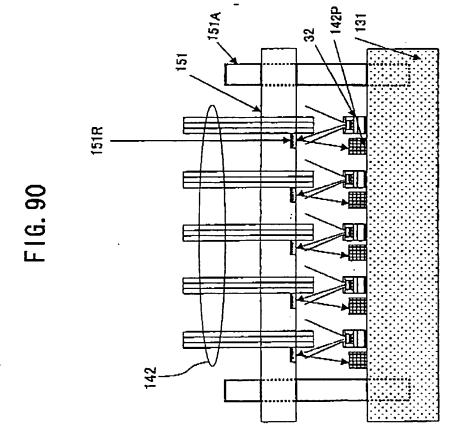
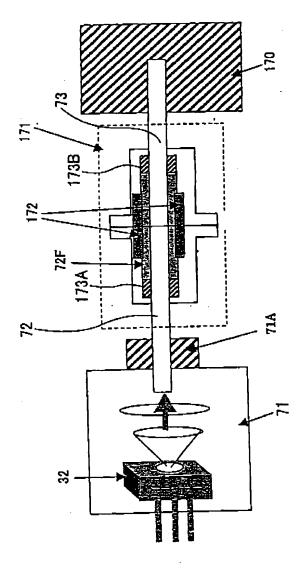
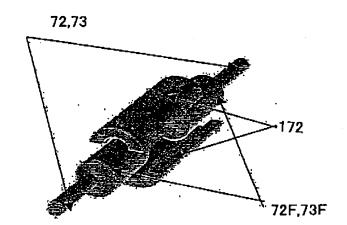


FIG. 91



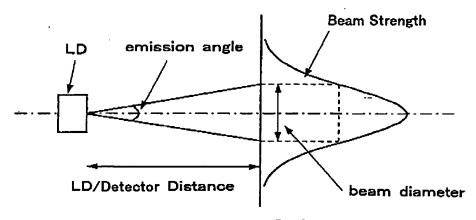
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FIG. 92



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FIG. 93



Detector Surface

FIG. 94

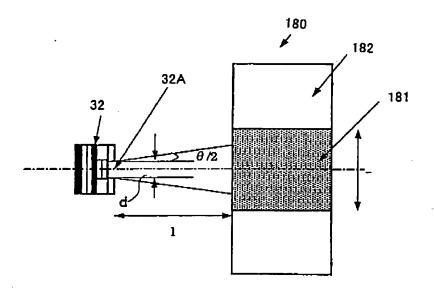
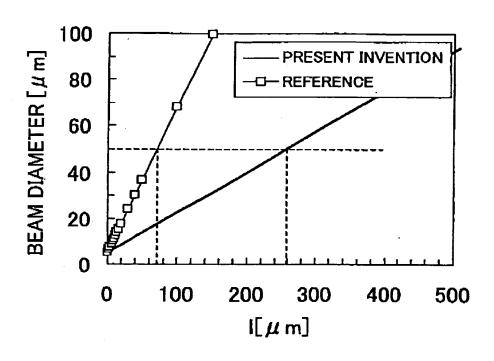
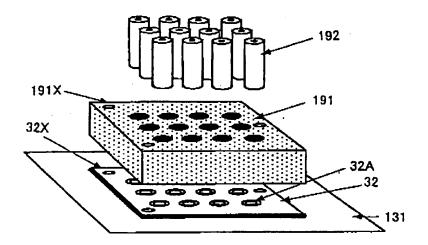


FIG.95



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FIG. 96





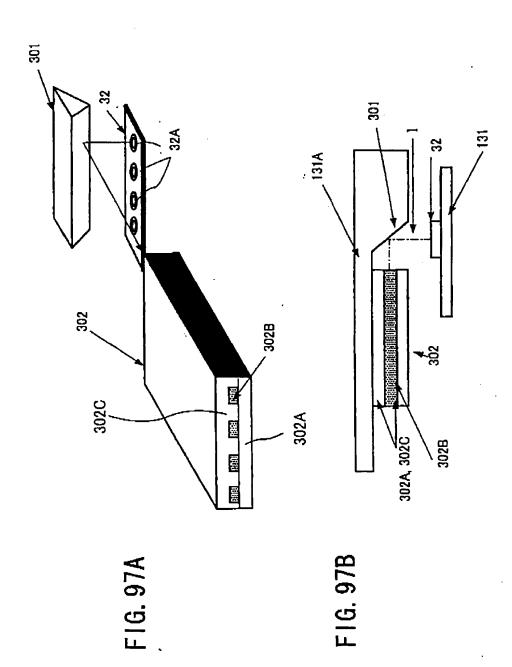
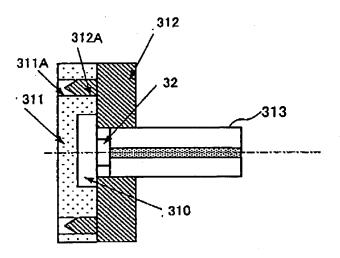


FIG. 98



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FIG. 99

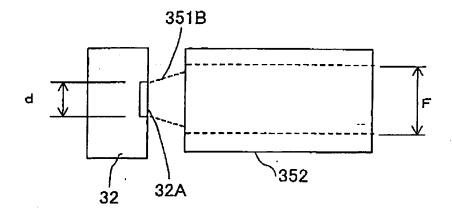
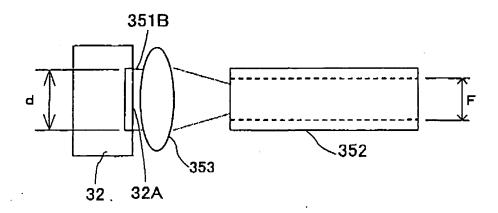
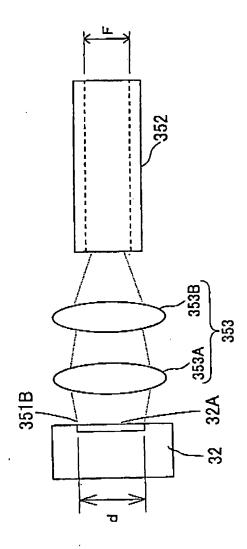


FIG. 100



F1G. 101



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FIG. 102

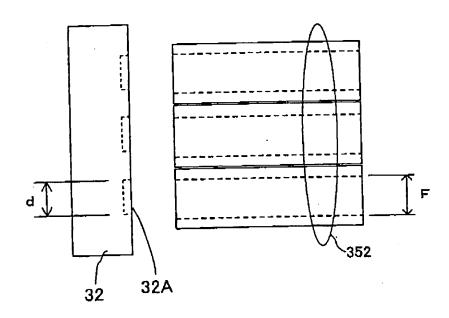
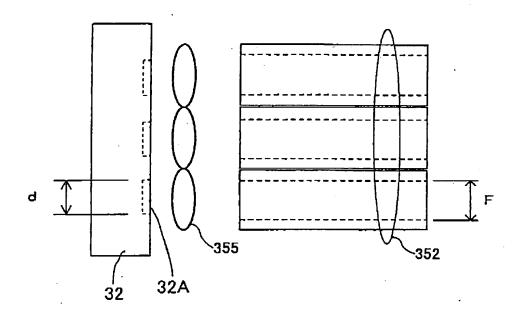


FIG. 103



OBLON, SEIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: NacioNIKUTANI, et al. SHEET 97 of 142

FIG. 104A

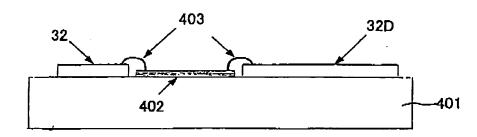
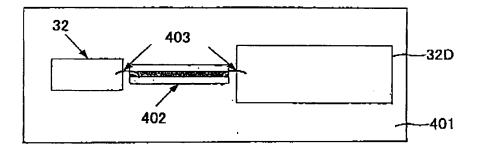


FIG. 104B



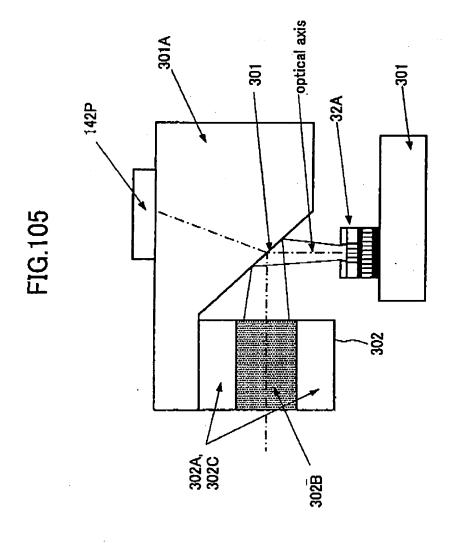


FIG.106

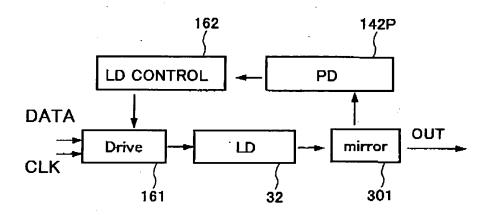
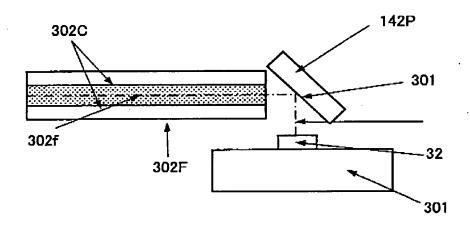
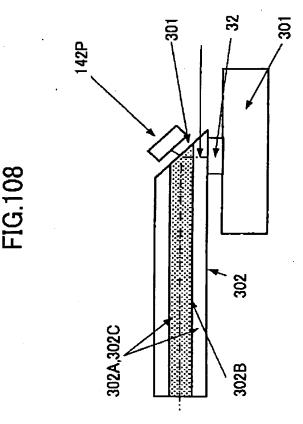


FIG.107





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FIG.109

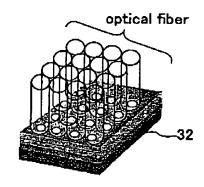
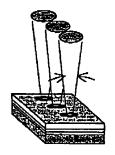


FIG.110A

FIG.110B





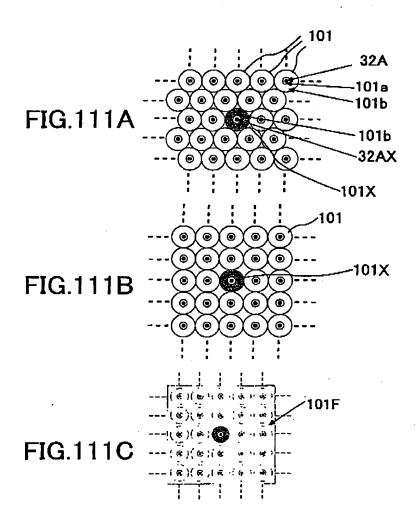
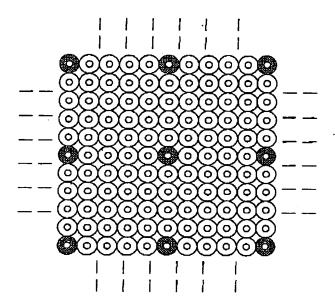
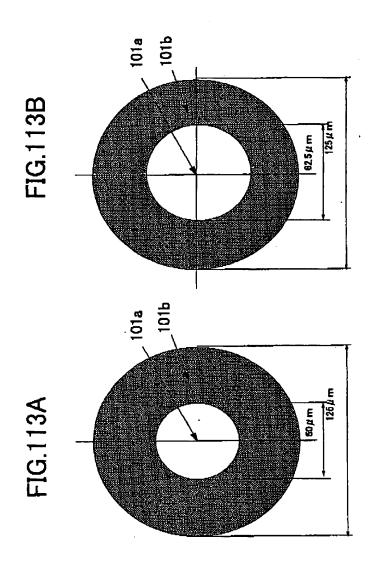


FIG.112





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FIG.114

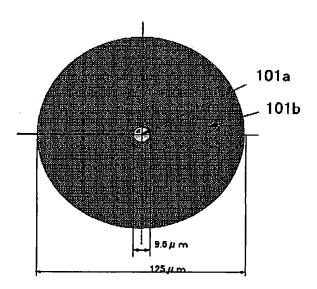


FIG.115

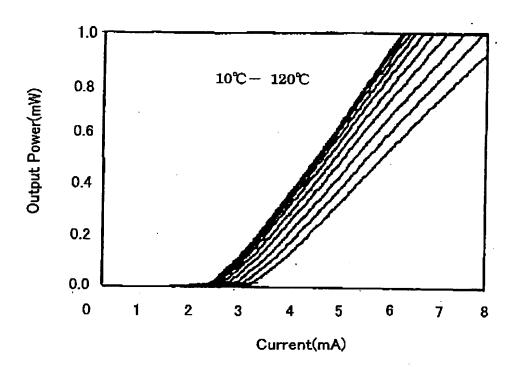
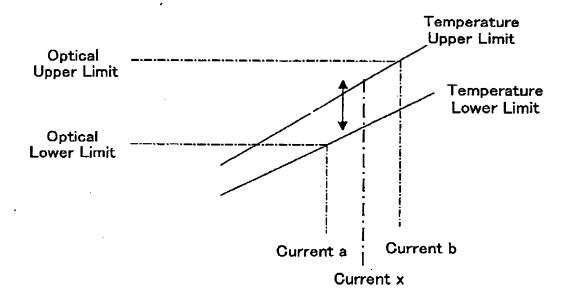
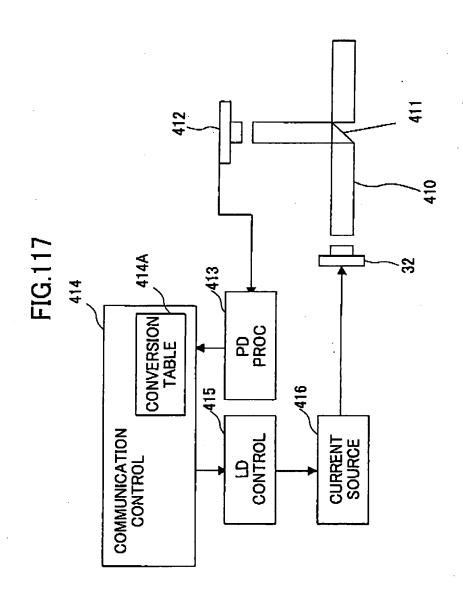


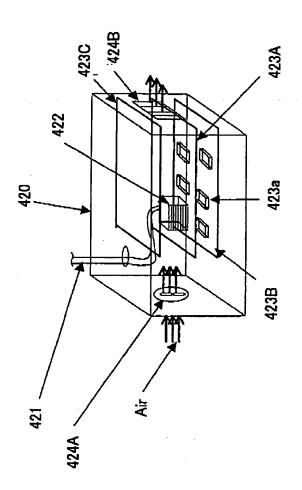
FIG.116





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FIG. 118



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FIG.119

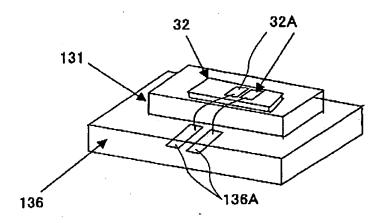
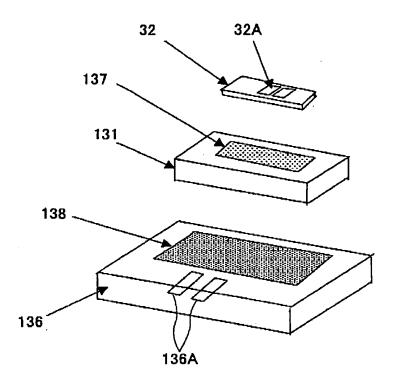
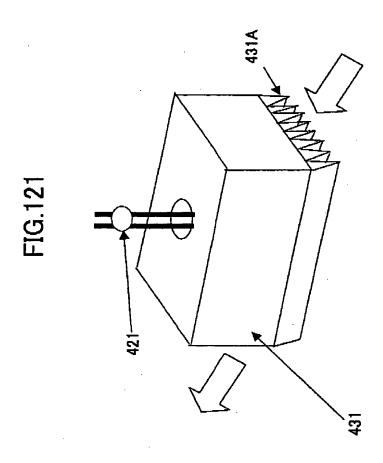


FIG.120



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FIG.122

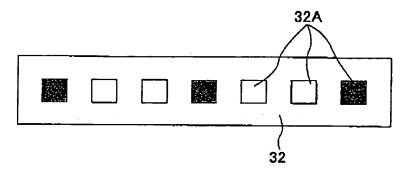


FIG.123

32

32

32

32A

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FIG.124

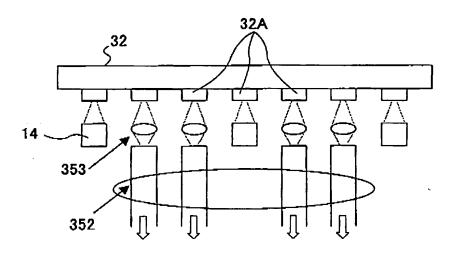
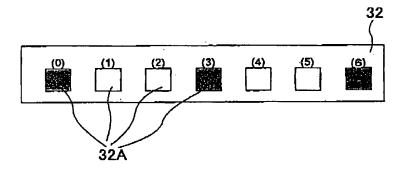


FIG.125



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 117 of 142

FIG.126

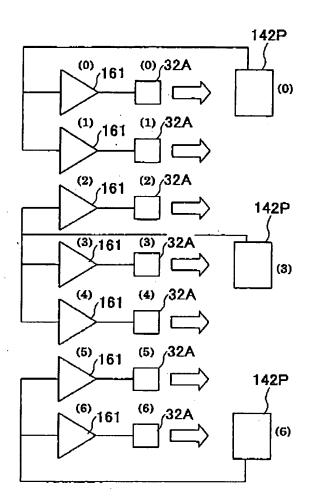


FIG.127

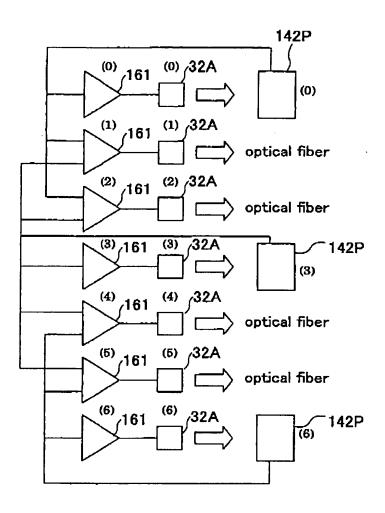
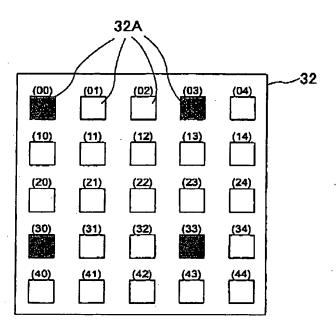
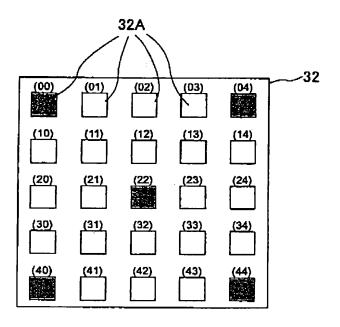


FIG.128

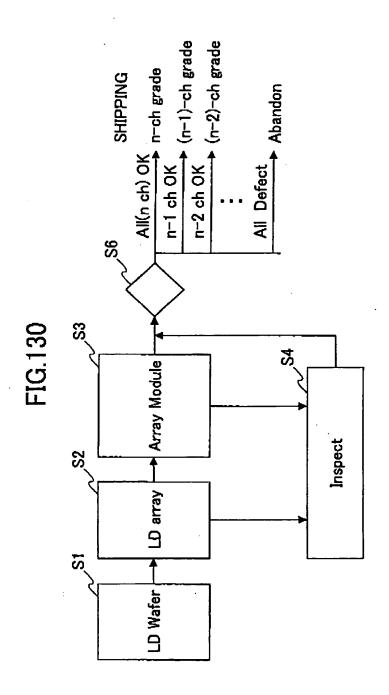


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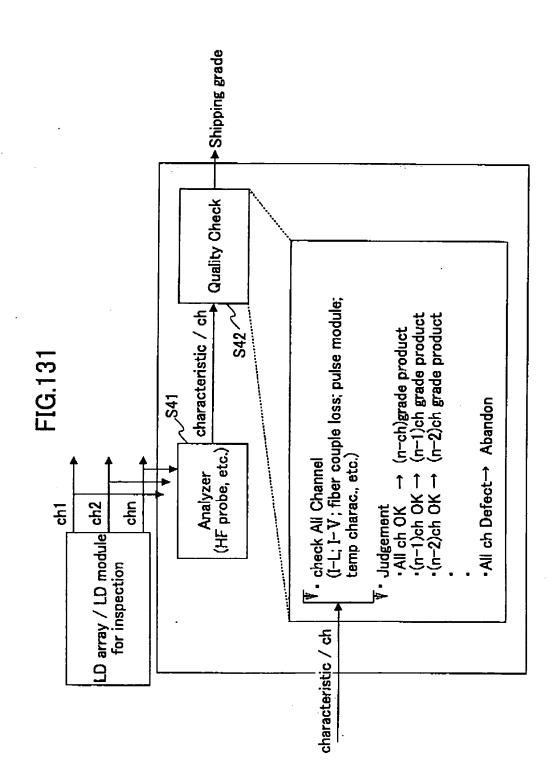
FIG.129



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FIG.132

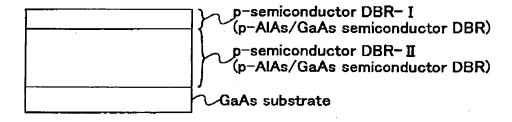
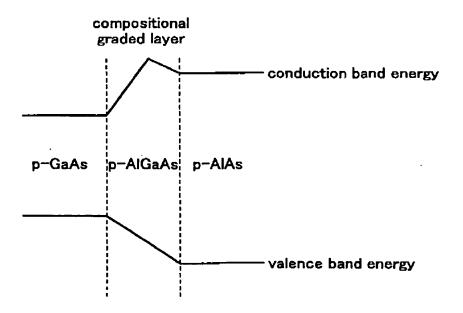


FIG.133



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 124 of 142

FIG.134

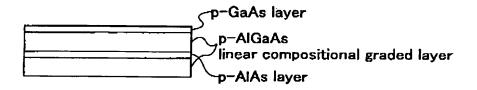
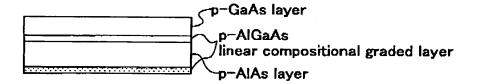


FIG.135



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FIG.136

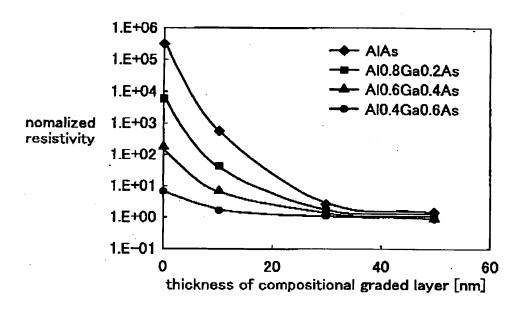
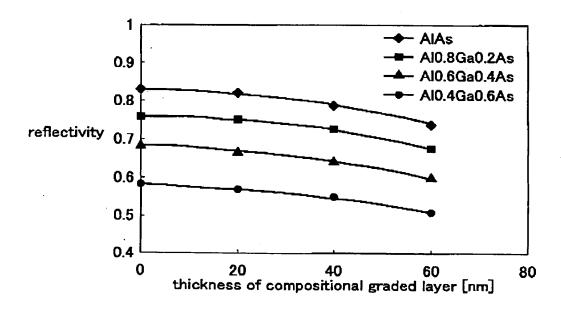


FIG.137



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 126 of 142

FIG.138

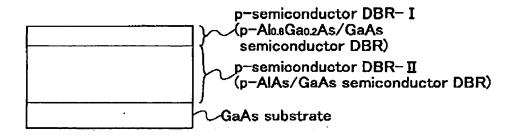


FIG.139

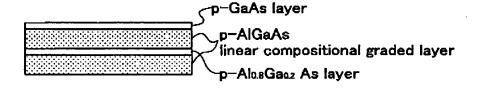
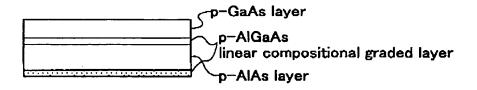


FIG.140



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 127 of 142

FIG.141

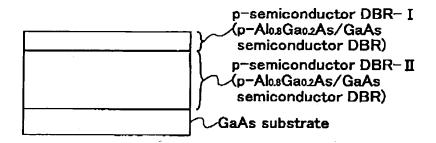


FIG.142

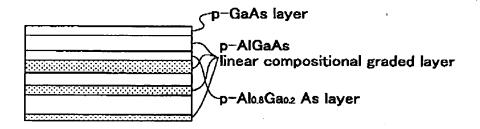
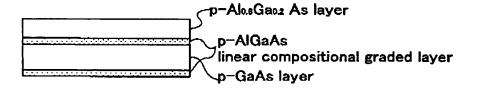


FIG.143



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 128 of 142

FIG.144

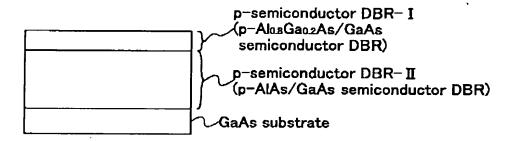


FIG.145

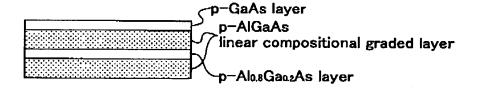
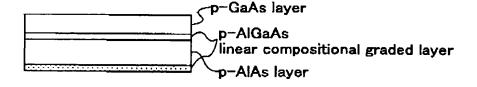
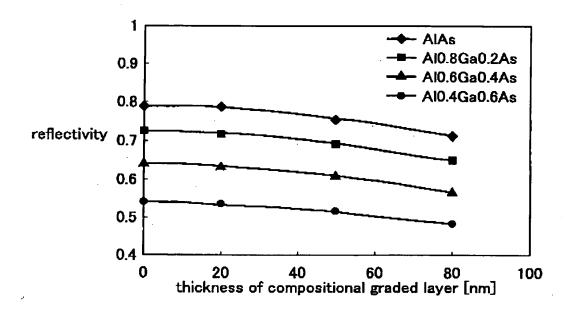


FIG.146



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FIG.147



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 130 of 142

FIG.148

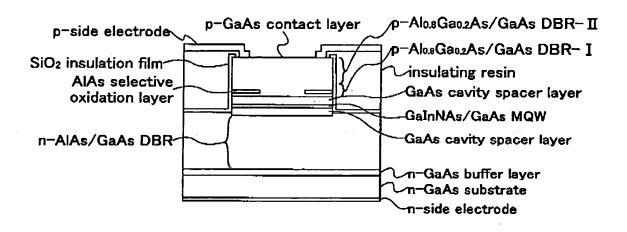
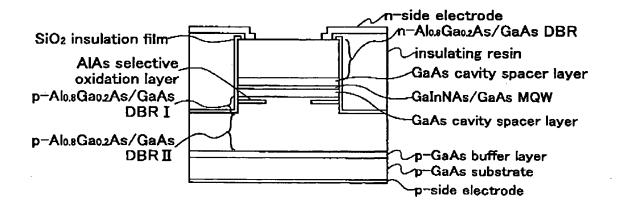


FIG.149



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 131 of 142

FIG.150

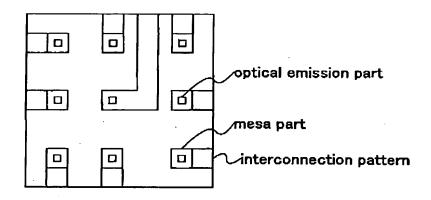
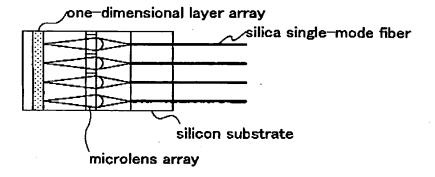


FIG.151



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 132 of 142

FIG.152

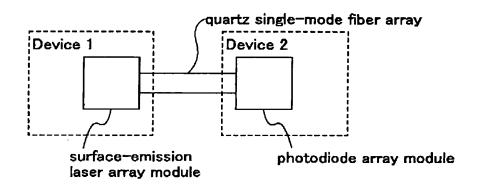
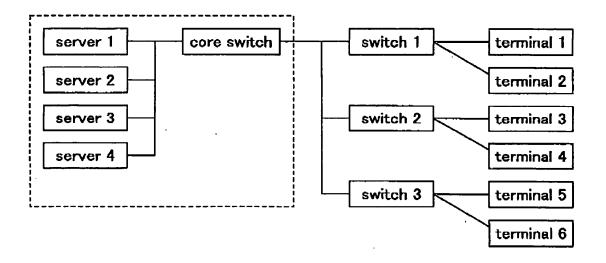


FIG.153



OBLON, SPIVAK, et al. DOCKET NO.: 242058US-2 CIP INV.: Naoto JIKUTANI, et al. SHEET 133 of 142

FIG.154

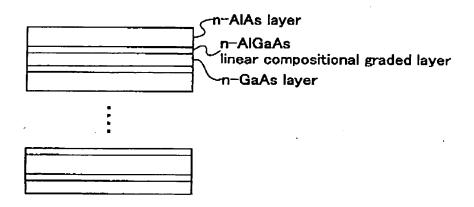
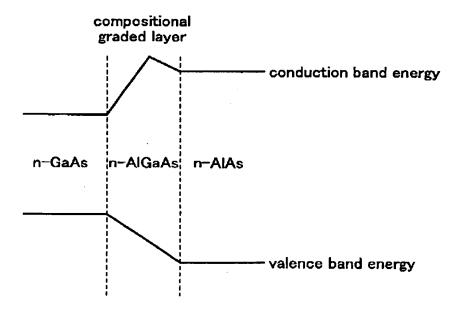


FIG.155



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FIG.156

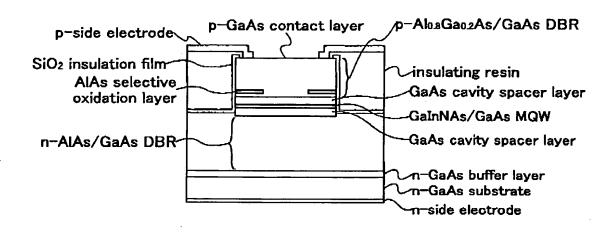
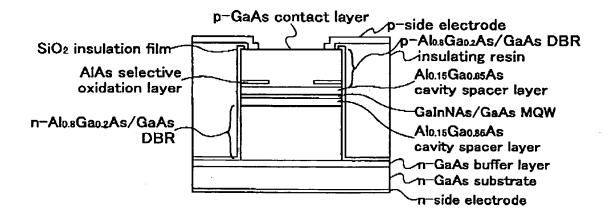


FIG.157



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FIG.158

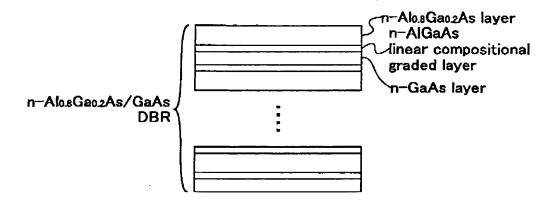
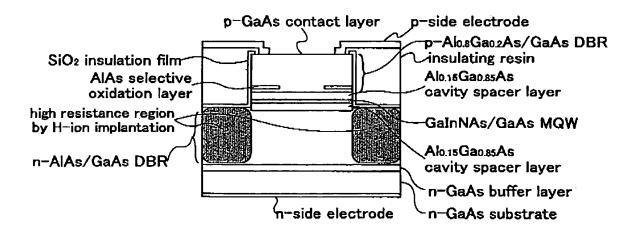


FIG.159



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FIG.160

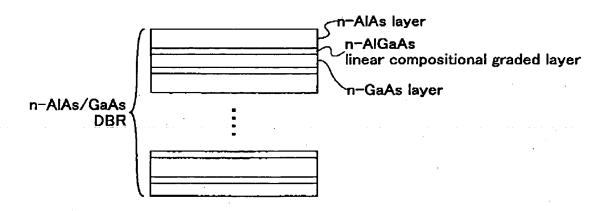
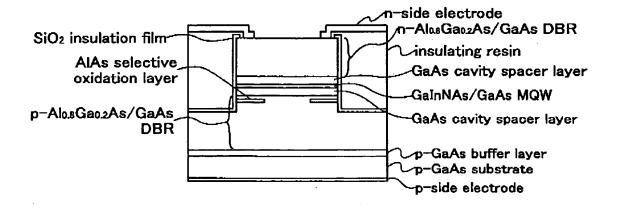
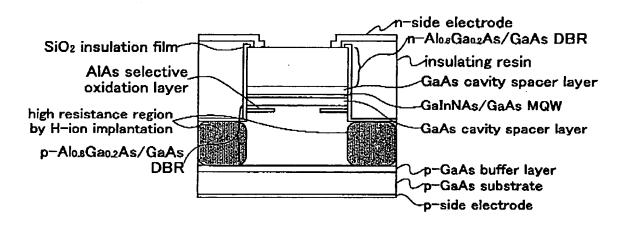


FIG.161



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FIG.162



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FIG.163

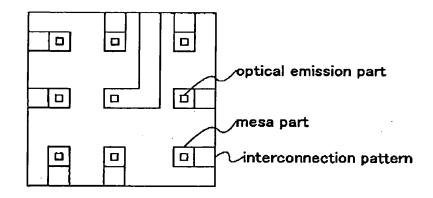


FIG.164

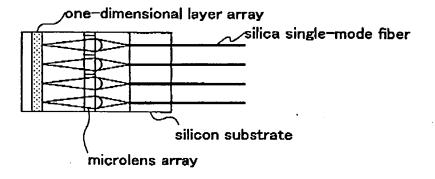


FIG.165

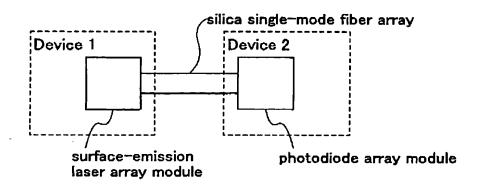


FIG.166

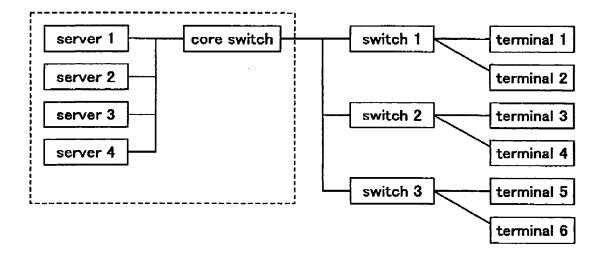


FIG.167

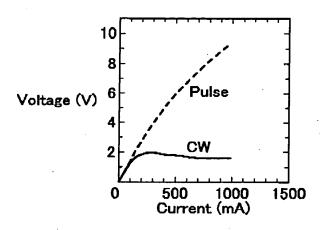
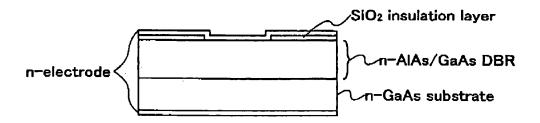


FIG.168



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FIG.169

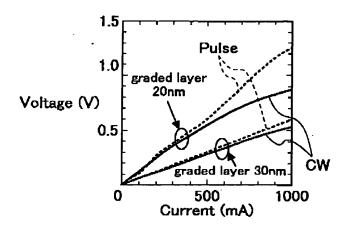


FIG.170

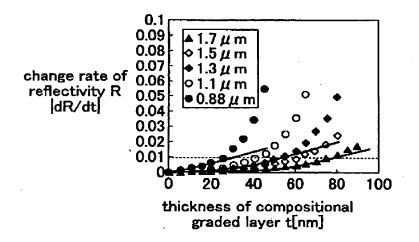




FIG.171

